

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	247	(Yoshinaga near2 Naoki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2010/06/22 18:19
L2	10	(Hiwatashi near2 Shunji).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2010/06/22 18:20
L4	153	(Itami near2 Atsushi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2010/06/22 18:20
L5	25	(Sakuma near2 Yasuharu).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2010/06/22 18:20
L6	19	(L1 or l2 or l4 or L5) and ("2009" or "2010").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2010/06/22 18:20
L8	365	(Nippon).as. and ("2009" or "2010").py. and steel same (sheet or strip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2010/06/22 18:21

L9	30	(Nippon).as. and ("2009" or "2010").py. and steel same (sheet or strip) and (bainit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2010/06/22 18:22
L15	2	JP "01176030"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 18:24
L16	2	JP "01176029"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 18:24
L17	2	JP "2001226741"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 18:24
L18	2	JP "63024013"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 18:24
L19	2	JP "2003193194"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 18:24

L20	2	JP "2000080440"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 18:24
L21	2	JP "57110650"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 18:24
L22	2	JP "2001355043"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 18:25
L23	2	JP "59219473"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 18:25
L24	18	L15 or L16 or L17 or L18 or L19 or L20 or L21 or L22 or L23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 18:25
L25	1628	148/529,530,533,601,648,654,661.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/22 18:27
L26	3550	420/89-93,104-114,120-128.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/22 18:27

L27	204	(L25 or L26) and ("2009" or "2010").py.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/22 18:27
L28	50	(L25 or L26) and ("2009" or "2010").py. and (strip or sheet) and bainit\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/22 18:27
L29	10921	C21D7/13 or C21D007/13 or C21D9/46 or C21D009/46 or C21D 6/00 or C21D006/00	FPRS; EPO; JPO	ADJ	ON	2010/06/22 18:28
L30	339	L29 and ("2009" or "2010").py.	FPRS; EPO; JPO	ADJ	ON	2010/06/22 18:29
L31	32	L29 and ("2009" or "2010").py. and (strip or sheet) and bainit\$3	FPRS; EPO; JPO	ADJ	ON	2010/06/22 18:29
S1	145	(US-20040069382-\$ or US-20030196735-\$ or US- 20080008901-\$ or US-20080166257-\$ or US- 20080223491-\$ or US-20080202639-\$ or US- 20020197508-\$ or US-20070029015-\$ or US- 20020136661-\$ or US-20080202645-\$).did. or (US-3951696-\$ or US-5505796-\$ or US-5470529- \$ or US-4406713-\$ or US-6280538-\$ or US- 6537394-\$ or US-7413780-\$ or US-7381478-\$ or US-7396420-\$ or US-6245290-\$ or US-5755895- \$ or US-4188241-\$ or US-6319338-\$ or US- 7534312-\$ or US-7485195-\$ or US-6962631-\$ or US-5509977-\$ or US-7591914-\$ or US-6364968- \$ or US-7503984-\$).did. or (EP-1681363-\$ or EP- 1362930-\$ or EP-1327695-\$ or EP-586704-\$ or WO-2005031024-\$ or EP-1865085-\$ or EP- 1642988-\$ or EP-1640468-\$ or WO-2005087965- \$ or EP-1541252-\$ or EP-1498506-\$ or EP- 1431407-\$ or EP-1291448-\$ or EP-1281778-\$ or EP-1193322-\$ or EP-1191114-\$ or EP-1143022-\$ or WO-9823785-\$ or WO-9832889-\$ or EP- 924312-\$ or EP-940476-\$ or EP-969112-\$ or EP- 1026278-\$ or EP-535238-\$).did. or (JP- 2003213370-\$ or JP-2002069575-\$ or JP- 10280096-\$ or JP-56158820-\$ or JP-2003055737- \$ or JP-2001303180-\$ or JP-10273754-\$ or JP-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/10/05 13:27

01259121-\$ or JP-09279302-\$ or JP-2002129279-\$ or JP-55110734-\$ or JP-56006709-\$ or JP-61026726-\$ or JP-2000282175-\$ or JP-2001220647-\$ or JP-2001226741-\$ or JP-2005105367-\$ or JP-2005105361-\$ or JP-10176237-\$ or JP-2003266123-\$ or JP-2002294398-\$ or JP-2002155337-\$ or JP-2002030347-\$ or JP-2002003996-\$ or JP-06093340-\$ or JP-07062489-\$).did. or (JP-07173571-\$ or JP-07197186-\$ or JP-08209296-\$ or JP-10234153-\$ or JP-2000026936-\$ or JP-2000080439-\$ or JP-2000234153-\$ or JP-06264184-\$).did. or (JP-56075520-\$ or WO-03031669-\$ or WO-2005031024-\$ or JP-2008019502-\$ or JP-2008174776-\$ or JP-2008106351-\$ or EP-1354973-\$ or WO-02066697-\$ or EP-1225242-\$ or JP-2002129279-\$ or JP-55110734-\$ or DE-3024303-\$ or JP-61026726-\$ or WO-9221784-\$ or JP-2000282175-\$ or JP-2001220647-\$ or JP-2001226741-\$ or WO-0224968-\$ or US-20080202645-\$ or JP-2006283131-\$ or JP-2005256089-\$ or WO-2004106572-\$ or WO-2004104235-\$ or WO-03001084-\$ or WO-03099482-\$ or JP-2003266123-\$).did. or (WO-03018857-\$ or EP-1281778-\$ or JP-2002294398-\$ or JP-2002155337-\$ or US-6364968-\$ or WO-0222893-\$ or WO-0212580-\$ or JP-2002003996-\$ or WO-0190431-\$ or EP-168038-\$ or EP-475096-\$ or JP-06093340-\$ or JP-06264184-\$ or JP-07062489-\$ or JP-07173571-\$ or JP-07197186-\$ or JP-08209296-\$ or WO-9823785-\$ or WO-9832889-\$ or JP-10234153-\$ or WO-9841664-\$ or WO-9849362-\$ or WO-9900525-\$ or JP-2000026936-\$ or WO-0006791-\$ or JP-2000080439-\$ or JP-2000234153-\$).did. or (WO-0120051-\$ or WO-0162997-\$ or WO-0164967-\$).did.

S2	847590	(Nippon).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:30
S3	1474	S2 and (bainite or bainitic or bainite ferrite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:30
S4	62	S3 and high near3 yield near3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:31
S5	52	S4 not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:31
S6	26	S3 and high adj2 yield near3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:39

S7	6	S6 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:39
S8	114	S2 and high adj2 yield near3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:39
S9	82	S8 not (S7 or S6 or S5 or S1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:39
S10	212	S2 and hot adj2 roll\$4 and (Ar3 or "Ar.sub.3") and (cool\$4 near3 rate or (celsius or centigrade or 'C') adj2 (second or minute or 'sec' or 'min')) and (coil or coiled or coiling or wind or wound or winding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:47
S11	194	S10 not (S1 or S4 or S5 or S6 or S7 or S9)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:48

S12	42	S11 and (bainite or bainite or bain\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 13:48
S13	2	JP "2001226741"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 14:38
S14	38	(Kawabe near2 Hidenao).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 14:39
S15	152	S11 not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 14:46
S16	19171	(carbon or 'c') and (manganese or 'mn') and (phosphorus or 'p') and (sulfur or sulphur or 's') and (aluminum or aluminium or 'al') and (nitrogen or 'n') and (silicon or 'si') and (titanium or 'ti') and (niobium or columbium or 'cb' or 'nb') and (molybdenum or 'mo') and (boron or 'b') and (iron or 'fe' or steel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 14:48



S17	4	S15 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 14:49
S18	2	US "20040069382"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 15:03
S19	5052	S2 and (x-ray or x adj2 ray or xray or x-ray)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 15:04
S20	10	S19 and (TS) adj3 (E1 or E1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 15:04
S21	1431	S2 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 15:10

S22	19	S21 and (TS) adj3 (E1 or E1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 15:10
S23	12	S22 not S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 15:10
S24	24	S21 and hot adj2 roll\$4 and (Ar3 or "Ar.sub.3") and (cool\$4 near3 rate or (celsius or centigrade or 'C') adj2 (second or minute or 'sec' or 'min')) and (coil or coiled or coiling or wind or wound or winding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 15:14
S25	379	420/120.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 16:38
S26	8	S25 and hot adj2 roll\$4 and (Ar3 or "Ar.sub.3") and (cool\$4 near3 rate or (celsius or centigrade or 'C') adj2 (second or minute or 'sec' or 'min')) and (coil or coiled or coiling or wind or wound or winding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 16:38

S27	4571	420/89-93,104-114,120-128.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 16:40
S28	41645	C22C038/02 or C22C38/02 or C22C38/04 or C22C038/04 or C22C38/06 or C22C038/06 or C22C38/12 or C22C038/12 or C22C38/14 or C22C038/14 or C22C038/38 or C22C38/38 or C22C038/58 or C22C38/58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 16:42
S29	3586	M27-C02\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 16:43
S30	47260	S27 or S28 or S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 16:43
S31	3019	S30 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 16:43

S32	98	S31 and hot adj2 roll\$4 and (Ar3 or "Ar.sub.3") and (cool\$4 near3 rate or (celsius or centigrade or 'C') adj2 (second or minute or 'sec' or 'min')) and (coil or coiled or coiling or wind or wound or winding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 16:44
S33	157	(US-20040069382-\$ or US-20020197508-\$ or US-20020136661-\$ or US-20080223491-\$ or US-20070029015-\$ or US-20080202639-\$ or US-20080202645-\$ or US-20030196735-\$ or US-20080166257-\$ or US-20080008901-\$).did. or (US-7413780-\$ or US-5509977-\$ or US-5755895-\$ or US-5470529-\$ or US-5505796-\$ or US-7485195-\$ or US-6364968-\$ or US-6319338-\$ or US-7503984-\$ or US-6245290-\$ or US-7591914-\$ or US-6280538-\$ or US-7381478-\$ or US-7396420-\$ or US-3951696-\$ or US-4188241-\$ or US-6537394-\$ or US-4406713-\$ or US-6962631-\$ or US-7534312-\$ or US-5030298-\$).did. or (WO-2005087965-\$ or EP-1642988-\$ or EP-1541252-\$ or EP-1362930-\$ or EP-1291448-\$ or EP-969112-\$ or EP-1026278-\$ or EP-1193322-\$ or EP-1191114-\$ or EP-1498506-\$ or EP-1865085-\$ or WO-9823785-\$ or EP-535238-\$ or WO-9832889-\$ or WO-2005031024-\$ or EP-1681363-\$ or EP-586704-\$ or EP-924312-\$ or EP-1281778-\$ or EP-1640468-\$ or EP-940476-\$ or EP-1327695-\$ or EP-1431407-\$ or EP-1143022-\$ or EP-881308-\$).did. or (JP-2002129279-\$ or JP-2000080439-\$ or JP-2001220647-\$ or JP-2001226741-\$ or JP-2002069575-\$ or JP-10280096-\$ or JP-06264184-\$ or JP-2003213370-\$ or JP-2002003996-\$ or JP-2002294398-\$ or JP-07062489-\$ or JP-08209296-\$ or JP-07173571-\$ or JP-2005105367-\$ or JP-2005105361-\$ or JP-2003055737-\$ or JP-2001303180-\$ or JP-10273754-\$ or JP-2000026936-\$ or JP-07197186-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/10/05 17:10

\$ or JP-10176237-\$ or JP-56006709-\$ or JP-56158820-\$ or JP-61026726-\$ or JP-01259121-\$ or JP-06093340-\$).did. or (JP-2002030347-\$ or JP-2003266123-\$ or JP-55110734-\$ or JP-10234153-\$ or JP-2002155337-\$ or JP-09279302-\$ or JP-2000234153-\$ or JP-2000282175-\$ or JP-09241803-\$ or JP-09241792-\$ or JP-2002129286-\$ or JP-2002105594-\$ or JP-2002047517-\$).did. or (WO-2004104235-\$ or WO-03099482-\$ or JP-61026726-\$ or WO-9900525-\$ or JP-55110734-\$ or WO-03001084-\$ or WO-0190431-\$ or WO-0212580-\$ or JP-2001226741-\$ or JP-2008106351-\$ or DE-3024303-\$ or WO-9841664-\$ or WO-2004106572-\$ or WO-0224968-\$ or WO-0006791-\$ or EP-1225242-\$ or JP-2002294398-\$ or JP-07173571-\$ or JP-2008174776-\$ or JP-2006283131-\$ or JP-2001220647-\$ or JP-06264184-\$ or WO-0164967-\$ or WO-0162997-\$ or JP-08209296-\$ or JP-07062489-\$).did. or (WO-0222893-\$ or EP-475096-\$ or JP-2002003996-\$ or WO-2005031024-\$ or WO-9221784-\$ or JP-2008019502-\$ or WO-9823785-\$ or EP-1354973-\$ or WO-9832889-\$ or WO-03031669-\$ or JP-2005256089-\$ or JP-2002129279-\$ or US-6364968-\$ or JP-2000026936-\$ or JP-2000282175-\$ or JP-56075520-\$ or EP-1281778-\$ or JP-10234153-\$ or JP-2003266123-\$ or JP-07197186-\$ or US-20080202645-\$ or WO-03001084-\$ or JP-06093340-\$ or EP-168038-\$ or JP-2002155337-\$ or WO-9849362-\$ or WO-03018857-\$).did. or (JP-2000080439-\$ or JP-2000234153-\$ or WO-0120051-\$ or WO-02066697-\$ or JP-10280096-\$ or JP-09241803-\$ or JP-2003155541-\$ or JP-2003003239-\$ or JP-2001294978-\$).did.

S34	453	S4 or S5 or S6 or S9 or S12 or S14 or S17 or S20 or S22 or S23 or S24 or S26 or S32 or S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:11
S35	2592	148/529,530,533,601,648,654,661.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:11
S36	245	S16 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:12
S37	49	S36 and hot adj2 roll\$4 and (Ar3 or "Ar.sub.3") and (cool\$4 near3 rate or (celsius or centigrade or 'C') adj2 (second or minute or 'sec' or 'min')) and (coil or coiled or coiling or wind or wound or winding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:12
S38	30	S37 not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:12

S39	2	US "20060081312"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:14
S40	3	US "20040244877"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:16
S41	483	S34 or S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:29
S42	27619	C21D007/13 or C21D7/13 or C21D9/46 or C21D009/46 or C21D9/48 or C21D009/48 or C21D6/\$3 or C21D006/\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:32
S43	46118	M24-D\$2 or m27-B04\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:32

S44	65219	S42 or S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:33
S45	1585	(S44 and S16) not S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:33
S46	9	S45 and hot adj2 roll\$4 and (Ar3 or "Ar.sub.3") and (cool\$4 near3 rate or (celsius or centigrade or 'C') adj2 (second or minute or 'sec' or 'min')) and (coil or coiled or coiling or wind or wound or winding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:33
S47	279	hot adj2 roll\$4 and (Ar3 or "Ar.sub.3") and (cool \$4 near3 rate or (celsius or centigrade or 'C') adj2 (second or minute or 'sec' or 'min')) and (coil or coiled or coiling or wind or wound or winding) and (bainite or bainitic or bainite ferrite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:36
S48	161	S47 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:36



S49	60	S48 not S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:36
S50	2	"6706419".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:37
S51	2	"6632296".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:37
S52	2	JP "10273754"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 17:38
S53	279	hot adj2 roll\$4 and (Ar3 or "Ar.sub.3") and (cool \$4 near3 rate or (celsius or centigrade or 'C') adj2 (second or minute or 'sec' or 'min')) and (coil or coiled or coiling or wind or wound or winding) and (bainite or bainitic or bainite adj2 ferrite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:03

S54	106	S53 and (TS) adj3 (E1 or E1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:04
S55	14	S54 not (S41 or S46 or S49)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:04
S56	31006	(TS) adj2 (E1 or E1) or TS adj2 ".times." (EL or E1 or E1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:08
S57	876	bainite adj2 ferrite or bainitic adj2 ferrite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:08
S58	88	S56 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:08

S59	47	S58 not (S41 or S46 or S49)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:10
S60	595	(S41 or S46 or S49 or S59)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:17
S61	662	bainite ferrite or bainitic adj2 ferrite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:18
S62	102	S61 and (yield adj2 ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:18
S63	54	S62 not S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:18

S64	122	S61 and (cool\$4 near3 rate or (celsius or centigrade or 'C') adj2 (second or minute or 'sec' or 'min')) same (coil or coiled or coiling or wind or wound or winding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:39
S65	34	S64 not (S60 or S63)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:39
S66	116	(Takahiro near2 Kashima).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:47
S67	105	S66 not (S60 or S63)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:47
S68	16	S67 and (bainite or bainitic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:47

S69	65	(bainite ferrite or bainitic adj2 ferrite) and (x-ray or x\$2ray or xray)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:50
S70	12	S69 not (S68 or S60 or S63)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/05 18:51
S71	0	CA "2475950"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:17
S72	6	"2475950"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:17
S73	2	EP "1350859"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:20

S74	2	JP "09143570"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:23
S75	2	JP "2001220648"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:23
S76	2	EP "586704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:23
S77	2	EP "1001041"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:23
S78	2	EP "945522"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:23

S79	2	JP "11172372"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:23
S80	12	S73 or S74 or S75 or S76 or S77 or S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:23
S81	14	S80 or S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 14:23
S82	2	"20040069382"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 15:12
S83	3	"20040244877"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 15:14

S84	2	"20030196735"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 15:17
S85	231	(Naoki near2 Yoshinaga).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 17:44
S86	47	(US-20040069382-\$ or US-20070029015-\$).did. or (US-5505796-\$ or US-6319338-\$ or US- 6280538-\$ or US-7381478-\$ or US-7534312-\$ or US-7503984-\$ or US-6540846-\$).did. or (EP- 1362930-\$ or EP-1026278-\$ or EP-1865085-\$ or WO-9823785-\$ or WO-2005031024-\$ or EP- 1681363-\$ or EP-586704-\$ or EP-881308-\$ or EP- 1350859-\$ or EP-952235-\$).did. or (JP- 2002129279-\$ or JP-2001220647-\$ or JP- 2001226741-\$ or JP-2003055737-\$ or JP- 56158820-\$ or JP-09241792-\$ or JP-2002047517- \$ or JP-56075520-\$).did. or (JP-2001226741-\$ or JP-2006283131-\$ or WO-2005031024-\$ or WO- 9221784-\$ or JP-2008019502-\$ or WO-9823785- \$ or WO-03031669-\$ or JP-2002129279-\$ or US- 6364968-\$ or JP-2000282175-\$ or JP-56075520- \$ or JP-2003266123-\$ or WO-03018857-\$ or WO- 02066697-\$ or JP-09241803-\$ or JP-2003155541- \$ or JP-2001294978-\$ or JP-2003055737-\$ or JP- 56158820-\$ or EP-1350859-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/10/06 17:44



S87	225	S85 not S86	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 17:44
S88	78	S87 and (bainite or bainitic or x-ray or xray or x \$2ray or x ray)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 17:44
S89	5	S87 and (bainite or bainitic or x-ray or xray or x \$2ray or x ray) and ('1/8' or '1/8th')	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 17:47
S90	8	S87 and ('1/8' or '1/8th')	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 17:48
S91	3	S90 not S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 17:48

S92	2	EP "1327695"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/06 17:51
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